

03-16-05

JRW 21571



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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 1,395

|                        |                       |
|------------------------|-----------------------|
| Application Number     | 09/086,821            |
| Filing Date            | May 29, 1998          |
| First Named Inventor   | Marco Lara            |
| Art Unit               | 2157                  |
| Examiner Name          | Abdullahi Elmi Salad  |
| Attorney Docket Number | ATV-004 [E0243-00027] |

| ENCLOSURES (Check all that apply)  |  |   |  |
|--|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): | - Forms PTO/SB08 (4 pp.)<br>- 67 References<br>- Return Postcard |
| Remarks  |  |   |  |

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|              |                        |          |        |
|--------------|------------------------|----------|--------|
| Firm Name    | Duane Morris LLP       |          |        |
| Signature    | <i>Steven E. Koffs</i> |          |        |
| Printed name | Steven E. Koffs        |          |        |
| Date         | March 14, 2005         | Reg. No. | 37,163 |

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

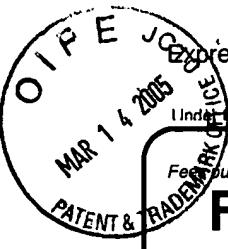
|                       |  |      |  |
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| Signature             |  |      |  |
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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The PTO did not receive the following listed Items(s) *for*



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PTO/SB/17 (12-04)

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Effective on 12/08/2004.

Fee pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180)

## Complete if Known

|                      |                       |
|----------------------|-----------------------|
| Application Number   | 09/086,821            |
| Filing Date          | May 29, 1998          |
| First Named Inventor | Marco Lara            |
| Examiner Name        | Abdullahi E. Salad    |
| Art Unit             | 2157                  |
| Attorney Docket No.  | ATV-004 (E0243-00027) |

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 04-1679 Deposit Account Name: Duane Morris LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee
- Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES |              | SEARCH FEES |              | EXAMINATION FEES |              |
|------------------|-------------|--------------|-------------|--------------|------------------|--------------|
|                  | Fee (\$)    | Small Entity | Fee (\$)    | Small Entity | Fee (\$)         | Small Entity |
| Utility          | 300         | 150          | 500         | 250          | 200              | 100          |
| Design           | 200         | 100          | 100         | 50           | 130              | 65           |
| Plant            | 200         | 100          | 300         | 150          | 160              | 80           |
| Reissue          | 300         | 150          | 500         | 250          | 600              | 300          |
| Provisional      | 200         | 100          | 0           | 0            | 0                | 0            |

## 2. EXCESS CLAIM FEES

## Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

| Small Entity |          |
|--------------|----------|
| Fee (\$)     | Fee (\$) |
| 50           | 25       |
| 200          | 100      |

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

|     |     |
|-----|-----|
| 360 | 180 |
|-----|-----|

Multiple dependent claims

| Total Claims   | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | Fee (\$) | Fee Paid (\$) |
|--|--------------|----------|---------------|---------------------------|----------|---------------|
| - 20 or HP =   | x            | =        |               |                           |          |               |
| HP = highest number of total claims paid for, if greater than 20 |              |          |               |                           |          |               |

| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|---------------|--------------|----------|---------------|
| - 3 or HP =   | x            | =        |               |

HP = highest number of independent claims paid for, if greater than 3

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| - 100 =      | / 50 =       | (round up to a whole number) x                   | =        |               |

## 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Submission of an Information Disclosure Statement \$180

## SUBMITTED BY

|                   |                 |   |                        |
|-------------------|-----------------|---|------------------------|
| Signature         | Steven E. Koffs | Registration No.<br>(Attorney/Agent) 37,163 | Telephone 215.979.1250 |
| Name (Print/Type) | Steven E. Koffs |   | Date                   |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

The Application of: Marco Lara et al.  
Serial No.: 09/086,821  
Filed: May 29, 1998  
For: WEB SERVICE

Confirmation No. 8789  
Group Art Unit: 2157  
Examiner: Abdullahi E. Salad

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as "Express Mail Post Office to Addressee" Mailing Label Number EV394059779US to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

March 14, 2005  
Date Steven E. Koffs  
Steven E. Koffs, Registration No. 37,163

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed herewith is an Information Disclosure Statement pursuant to 37 CFR. § 1.56 in connection with the above-identified application, which statement is being filed:

- Together with the present application.
- Before the first Office Action on the merits or three (3) months from the filing date of this application, whichever occurs last. [37 CFR § 1.97(b)]
- After the first Office Action on the merits, but before a Final Office Action under §1.113 or Notice of Allowance under §1.311, whichever occurs first. [37 CFR § 1.97(c)]
- After a Final Office Action under §1.113 or Notice of Allowance under §1.311, but prior to or with payment of the Issue Fee. [37 CFR § 1.97(d)]

Consistent with Applicant's obligations pursuant to 37 CFR §§1.97 and 1.98, the following requirements have been met:

03/13/2005 AUENDAF1 00000001 041679 00000001

01 FD:1006 100.00 DA  
PH1\1419948.1

[ ] No separate requirements are needed.

[ ] No additional fee is required.

[X] **Fee Under 37 CFR § 1.97(c)**

The fee of \$180.00 for submission of an IDS under § 1.97(c) as set forth in § 1.17(p) accompanies this statement.

[ ] **Fee Under 37 CFR § 1.97(d)**

The fee of \$180.00 for submission of an information disclosure statement under § 1.97(d) set forth in § 1.17(p) accompanies this statement.

[ ] **Certification Under 37 CFR § 1.97(e)**

- ( ) Each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or
- ( ) No item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this statement.

**Provision of Copies of References**

[ ] Copies of cited references which are U.S. Patents or U.S. Patent Application Publications are not required for this application, which has a filing date after June 30, 2003 (1276 OG 55, 5 August 2003).

[X] A copy of each of the references listed on the attached Form PTO-1449 is enclosed herewith and forms a part hereof.

[ ] Partial Translations of References are enclosed herewith and form a part hereof.

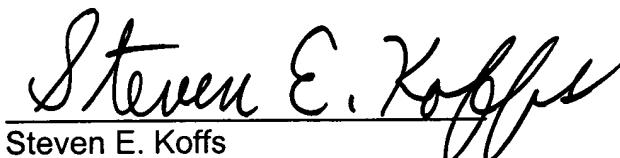
[ ] A copy of the European Search Report from a corresponding or related EPO application is enclosed herewith.

- [ ] A copy of the International Search Report from a corresponding or related PCT application is enclosed herewith.

**Identification of Prior Application(s) In Which Listed Information Was Already Cited And For Which No Copies Are Submitted Or Need Be Submitted**

- [ ] This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior U.S. Application No(s). . The following references were submitted to, and/or cited by, the Office in the prior application(s) and therefore are not required to be provided in this application:
- [x] The Commissioner is hereby authorized to charge any fees associated with this communication or credit any overpayment to Deposit Account No. 04-1679. A duplicate copy of this transmittal is attached.

Respectfully submitted,



Steven E. Koffs  
Registration No. 37,163  
Attorney for Applicant(s)

DATE: 3-14-05  
DUANE MORRIS LLP  
One Liberty Place  
Philadelphia, PA 19103-7396  
Telephone: 215-979-1250  
Fax: 215-979-1020



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PTO/SB/08A (04-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**Complete if Known****INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

|                        |                       |
|------------------------|-----------------------|
| Application Number     | 09/086,821            |
| Filing Date            | May 29, 1998          |
| First Named Inventor   | Marco Lara            |
| Art Unit               | 2157                  |
| Examiner Name          | Abdullahi Elmi Salad  |
| Attorney Docket Number | ATV-004 (E0243-00027) |

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    |                       | US- 5,367,698                            | 11-22-1994                     | Webber et al.                                      |   |
|                    |                       | US- 5,418,945                            | 05-23-1995                     | Carter et al.                                      |   |
|                    |                       | US- 5,434,994                            | 07-18-1995                     | Shaheen et al.                                     |   |
|                    |                       | US- 5,440,739                            | 08-08-1995                     | Beck et al.  |   |
|                    |                       | US- 5,586,322                            | 12-17-1996                     | Beck et al.  |   |
|                    |                       | US- 5,611,049                            | 03-11-1997                     | Pitts  |   |
|                    |                       | US- 5,630,116                            | 05-13-1997                     | Takaya et al.                                      |   |
|                    |                       | US- 5,689,642                            | 11-18-1997                     | Harkins et al.                                     |   |
|                    |                       | US- 5,694,546                            | 12-02-1997                     | Reisman  |   |
|                    |                       | US- 5,729,735                            | 03-17-1998                     | Meyering   |   |
|                    |                       | US- 5,765,171 A                          | 06-09-1998                     | Gehani et al.                                      |   |
|                    |                       | US- 5,812,793                            | 09-22-1998                     | Shakib et al.                                      |   |
|                    |                       | US- 5,832,511                            | 11-03-1998                     | Beck et al.  |   |
|                    |                       | US- 5,862,335                            | 01-19-1999                     | Welch, Jr. et al.                                  |   |
|                    |                       | US- 5,884,324                            | 03-16-1999                     | Cheng et al.                                       |   |
|                    |                       | US- 5,892,908 A                          | 04-06-1999                     | Hughes et al.                                      |   |
|                    |                       | US- 5,892,914                            | 04-06-1999                     | Pitts  |   |
|                    |                       | US- 5,924,096                            | 07-13-1999                     | Draper et al.                                      |   |
|                    |                       | US- 5,978,802                            | 11-02-1999                     | Hurvig   |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                    |                       | GB 2,327,783 A  | 02-03-1999                     | Int'l Business Machines                            |   |                |
|                    |                       | JP 10224349 (abstract only)   | 08-21-1998                     | Hitachi Ltd.                                       |   |                |
|                    |                       | JP 11238036 (abstract only)   | 08-31-1999                     | Nec. Corp.   |   |                |
|                    |                       | JP 11327964 (abstact only)  | 11-30-1999                     | Toshiba Tec. Corp.                                 |   |                |
|                    |                       | WO 98/54631 A   | 12-03-1998                     | Merrill Lynch & Co., Inc.                          |   |                |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (04-03)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

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### Complete if Known

|                        |                       |
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| Application Number     | 09/086,821            |
| Filing Date            | May 29, 1998          |
| First Named Inventor   | Marco Lara            |
| Art Unit               | 2157                  |
| Examiner Name          | Abdullahi Elmi Salad  |
| Attorney Docket Number | ATV-004 (E0243-00027) |

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|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    |                       | US- 5,978,805 A                          | 11-02-1999                     | Carson   |   |
|                    |                       | US- 5,987,476                            | 11-16-1999                     | Imai et al.  |   |
|                    |                       | US- 5,991,798                            | 11-23-1999                     | Ozaki et al.                                       |   |
|                    |                       | US- 6,016,496                            | 01-18-2000                     | Roberson   |   |
|                    |                       | US- 6,026,452                            | 02-15-2000                     | Pitts  |   |
|                    |                       | US- 6,029,175 A                          | 02-22-2000                     | Chow et al.  |   |
|                    |                       | US- 6,044,381 A                          | 03-28-2000                     | Boothby et al.                                     |   |
|                    |                       | US- 6,061,683                            | 05-09-2000                     | Alonso   |   |
|                    |                       | US- 6,061,740                            | 05-09-2000                     | Ferguson et al.                                    |   |
|                    |                       | US- 6,085,234                            | 07-04-2000                     | Pitts et al.                                       |   |
|                    |                       | US- 6,088,721                            | 07-11-2000                     | Lin et al.   |   |
|                    |                       | US- 6,108,300                            | 08-22-2000                     | Coile et al.                                       |   |
|                    |                       | US- 6,167,567 A                          | 12-26-2000                     | Chiles et al.                                      |   |
|                    |                       | US- 6,169,794 B1                         | 01-02-2001                     | Oshimi et al.                                      |   |
|                    |                       | US- 6,189,043 B1                         | 02-13-2001                     | Buyukkoc et al.                                    |   |
|                    |                       | US- 6,202,085 B1                         | 03-13-2001                     | Benson et al.                                      |   |
|                    |                       | US- 6,223,187 B1                         | 04-24-2001                     | Boothby et al.                                     |   |
|                    |                       | US- 6,243,715 B1                         | 06-05-2001                     | Bogantz et al.                                     |   |
|                    |                       | US- 6,256,675 B1                         | 07-03-2001                     | Rabinovich   |   |

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|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |   |                |
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|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3

of 4

**Complete if Known**

|                        |                       |
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| Art Unit               | 2157                  |
| Examiner Name          | Abdullahi Elmi Salad  |
| Attorney Docket Number | ATV-004 (E0243-00027) |

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| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                                     | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|---|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> ( <sup>3</sup> known) |                                |  |   |
|                    |                       | US- 6,272,593 B1                                    | 08-07-2001                     | Dujari   |   |
|                    |                       | US- 6,279,001 B1                                    | 08-21-2001                     | DeBettencourt et al.                               |   |
|                    |                       | US- 6,304,881 B1                                    | 10-16-2001                     | Halim et al.                                       |   |
|                    |                       | US- 6,314,463 B1                                    | 11-06-2001                     | Abbott et al.                                      |   |
|                    |                       | US- 6,317,754 B1                                    | 11-13-2001                     | Peng   |   |
|                    |                       | US- 6,317,768 B1                                    | 11-13-2001                     | Yamane et al.                                      |   |
|                    |                       | US- 6,330,568 B1                                    | 12-11-2001                     | Boothby et al.                                     |   |
|                    |                       | US- 6,339,785 B1                                    | 01-15-2002                     | Feigenbaum   |   |
|                    |                       | US- 6,381,242 B1                                    | 04-30-2002                     | Maher, III et al.                                  |   |
|                    |                       | US- 6,385,626 B1                                    | 05-07-2002                     | Tamer et al.                                       |   |
|                    |                       | US- 6,405,252 B1                                    | 06-11-2002                     | Gupta et al.                                       |   |
|                    |                       | US- 6,424,966 B1                                    | 07-23-2002                     | Meyerzon et al.                                    |   |
|                    |                       | US- 6,446,088 B1                                    | 09-03-2002                     | Vaduvur et al.                                     |   |
|                    |                       | US- 6,477,522 B1                                    | 11-05-2002                     | Young  |   |
|                    |                       | US- 6,484,204 B1                                    | 11-19-2002                     | Rabinovich   |   |
|                    |                       | US- 6,519,626 B1                                    | 02-11-2003                     | Soderberg et al.                                   |   |
|                    |                       | US- 6,631,395 B1                                    | 10-07-2003                     | Chessell   |   |
|                    |                       | US- 6,678,717 B1                                    | 01-13-2004                     | Schneider  |   |
|                    |                       | US-   |                                |  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
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|                    |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> ( <sup>6</sup> known) |                                |  |   |                |
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| Application Number     | 09/086,821            |
| Filing Date            | May 29, 1998          |
| First Named Inventor   | Marco Lara            |
| Art Unit               | 2157                  |
| Examiner Name          | Abdullahi Elmi Salad  |
| Attorney Docket Number | ATV-004 (E0243-00027) |

**NON PATENT LITERATURE DOCUMENTS**

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|--------------------|-----------------------|--|----------------|
|                    |                       | BECKETT D., "Combined Log System", Computer Networks and ISDN Systems, North Holland Publishing, Vol. 27, No. 11, April 1, 1995, pages 1089-1096, www.cs.kent.ac.uk/pubs/1995/155  |                |
|                    |                       | DIAS D.M. et al., "A Scalable and Highly Available Web Server" Digest of Papers of the Computer Society Computer Science Conference Compcon, US, Los Alamitos, IEEE Comp. Soc. Press, Vol. Conf. 41, 1996, pp. 85-92, XP000628467 ISBN: 0-8186-7414-8 the whole document |                |
|                    |                       | LAMM S.E. et al., "Real-Time Geographic Visualization of World Wide Web Traffic", Computer Networks and ISDN Systems, North Holland Publishing, Vol., 28, No. 11, May 1, 1996, pp. 1457-1468   |                |
|                    |                       | Patent Cooperation Treaty, Notification of Transmittal of the International Search Report or the Declaration, International Application No. PCT/US00/42745, mailed on 23 October 2001, 8 pages   |                |
|                    |                       | Patent Cooperation Treaty, Written Opinion, International Application No. PCT/US00/01837, mailed on 30 October 2000, 9 pages   |                |
|                    |                       | Patent Cooperation Treaty, Written Opinion, International Application No. PCT/US00/01897, mailed on 25 October 2000, 8 pages   |                |
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